IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Stephen H. Redington

Application No.:

Group Art Unit:

PATENT APPLICATION DOCKET NO.: 3232.1000-001

Filed:

Examiner:

Title: SYSTEM AND METHOD FOR DYNAMIC LOCAL LOOP BANDWIDTH MULTIPLEXING

Date: 12 19 01

EXPRESS MAIL LABEL NO. EV 044390021 US

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

| Sir: | | | | |
|---------|--|--|--|--|
| This Ir | aformation Disclosure Statement is submitted: | | | |
| [] | under 37 CFR 1.129(a), or (First/Second submission after Final Rejection) | | | |
| [X] | under 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including CPA, or a Request for Continued Examination). | | | |
| [] | under 37 CFR 1.97(c) together with either: | | | |
| | [] a Statement under 37 CFR 1.97(e), as checked below, or | | | |
| | [] a \$180.00 fee under 37 CFR 1.17(p), or (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first) | | | |
| [] | under 37 CFR 1.97(d) together with: | | | |
| | [] a Statement under 37 CFR 1.97(e), as checked below, and | | | |
| | [] a \$180.00 fee under 37 CFR 1.17(p), or (Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee) | | | |
| [] | under 37 CFR 1.97(i): Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper. (Filed after payment of issue fee) | | | |

| Stater | ment On | er 37 CFR 1.97(e) | | | | | | |
|--------|-------------------------|---|--|--|--|--|--|--|
| [] | any co | Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or | | | | | | |
| [] | comm knowl in the | No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. | | | | | | |
| Stater | ment Un | er 37 CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000 | | | | | | |
| [] | comm was n | Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement. | | | | | | |
| [X] | Enclo | Enclosed herewith is form PTO-1449: | | | | | | |
| | [X] | Copies of the cited references are enclosed. | | | | | | |
| | [] | les of cited references are enclosed except those entered in prior application, U.S. lication No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier ication contains copies of the cited references.] | | | | | | |
| | [] | The listed references were cited in the enclosed International Search Report in a ounterpart foreign application. | | | | | | |
| | [] | The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by: | | | | | | |
| | | [] the explanation provided on the attached sheet. | | | | | | |
| | | [] the explanation provided in the Specification. | | | | | | |
| | | submission of the enclosed International Search Report. | | | | | | |
| | | submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action. | | | | | | |
| | | [] the enclosed English language abstract. | | | | | | |

| [] | Applio | cant requests that the following n | on-published pending appli | cations be considered: | | |
|------------------------|---|---|---|---|--|--|
| Examiner's Initials | i | | | | | |
| | | U.S. Patent Application No. [|], by [inventor(s)], filed [|], Docket No.: [] | | |
| | | U.S. Patent Application No. [|], by [inventor(s)], filed [|], Docket No.: [] | | |
| | | U.S. Patent Application No. [|], by [inventor(s)], filed [|], Docket No.: [] | | |
| | | Examiner | Date | _ | | |
| | [] | A copy of each above-cited app | olication, including the curre | nt claims, is enclosed. | | |
| | [] | A copy of each above-cited app those entered in prior application 35 U.S.C. 120 is claimed. | olication, including the curre on, U.S. Application No. [| nt claims, is enclosed, except], to which priority under | | |
| | | r is requested to return a copy of re considered with the next offic | | plications indicating which | | |
| It is re | quested | that the information disclosed h | erein be made of record in t | his application. | | |
| Metho | od of pa | yment: | | | | |
| [] | | ck for the fee noted above is enclupanying Reply. A copy of this S | | cluded in the check with the | | |
| [] | Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed. | | | | | |
| [X] | Please | charge any deficiency in fees an | d credit any overpayment to | Deposit Account 08-0380. | | |
| | | F | Respectfully submitted, | | | |
| | | H | IAMILTON, BROOK, SMI | TH & REYNOLDS, P.C. | | |
| | | E | Timothy J. Meagher Registration No.: 39,302 Telephone: (978) 341-0036 | | | |

Concord, MA 01742-9133
Dated: \(\gamma\lambd

| PTO-1449 REPRODUCED | | | | ATTORNEY DOCKET NO. 3232.1000-001 | APPLICATION NO. | | | | |
|---|----|-----------------|-----------------|--------------------------------------|-----------------|---|---------------|-------|--|
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION December 19, 2001 (Use several sheets if necessary) | | | | APPLICANT Stephen H. Redington | | | | | |
| | | | | FILING DATE December 19, 2001 | GROUP | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | | |
| EXAM- INER INI- TIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- FILING DA S CLASS IF APPROPRIA | | , | |
| | AA | 5,467,344 | 11/14/95 | Solomon et al. | 370 | 58.3 | | | |
| | AB | 5,778,244 | 07/07/98 | Putnins et al. | 395 | 800.5 | | | |
| | AC | 5,825,779 | 10/20/98 | Putnins et al. | 370 | 477 | | | |
| | AD | 6,009,106 | 12/28/99 | Rustad et al. | 370 | 523 | | | |
| | AE | 6,061,392 | 05/09/00 | Bremer et al. | 375 | 222 | | | |
| | AF | 6,075,784 | 06/13/00 | Frankel et al. | 370 | 356 | | | |
| | AG | | | | | | | | |
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| | | OTHER DOCUMENTS | (Including Au | thor, Title, Date, Pertinent | Pages, | Etc.) | | | |
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